

Title (en)
Device for the variable light switching

Title (de)
Einrichtung zur variablen Umlenkung von Licht

Title (fr)
Dispositif pour la commutation de lumière variable

Publication
EP 2555040 B1 20160928 (DE)

Application
EP 12178837 A 20120801

Priority
DE 102011052336 A 20110801

Abstract (en)
[origin: EP2555040A1] The deflection device (10) has a micro-mechanical mirror assembly (14) having several reflecting mirrors. A control unit (32) controls the reflecting mirrors (18a,20a,22a,24a,26a) for varying the light reflection in various positions. The mirror assembly includes back reflection structure (60) for selectively performing back-reflection of light from one portion of reflecting mirror to another portion of reflecting mirror.

IPC 8 full level
G02B 21/00 (2006.01); **G01J 1/04** (2006.01); **G01J 3/02** (2006.01); **G02B 26/08** (2006.01)

CPC (source: EP US)
G01J 1/0414 (2013.01 - EP US); **G01J 3/021** (2013.01 - EP US); **G02B 21/0076** (2013.01 - EP US); **G02B 26/0833** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2555040 A1 20130206; EP 2555040 B1 20160928; CN 103033926 A 20130410; CN 103033926 B 20170510;
DE 102011052336 A1 20130207; JP 2013037359 A 20130221; JP 6286116 B2 20180228; US 2013033734 A1 20130207;
US 9041990 B2 20150526

DOCDB simple family (application)
EP 12178837 A 20120801; CN 201210270369 A 20120731; DE 102011052336 A 20110801; JP 2012169470 A 20120731;
US 201213559111 A 20120726